



User manual for NetBanking service

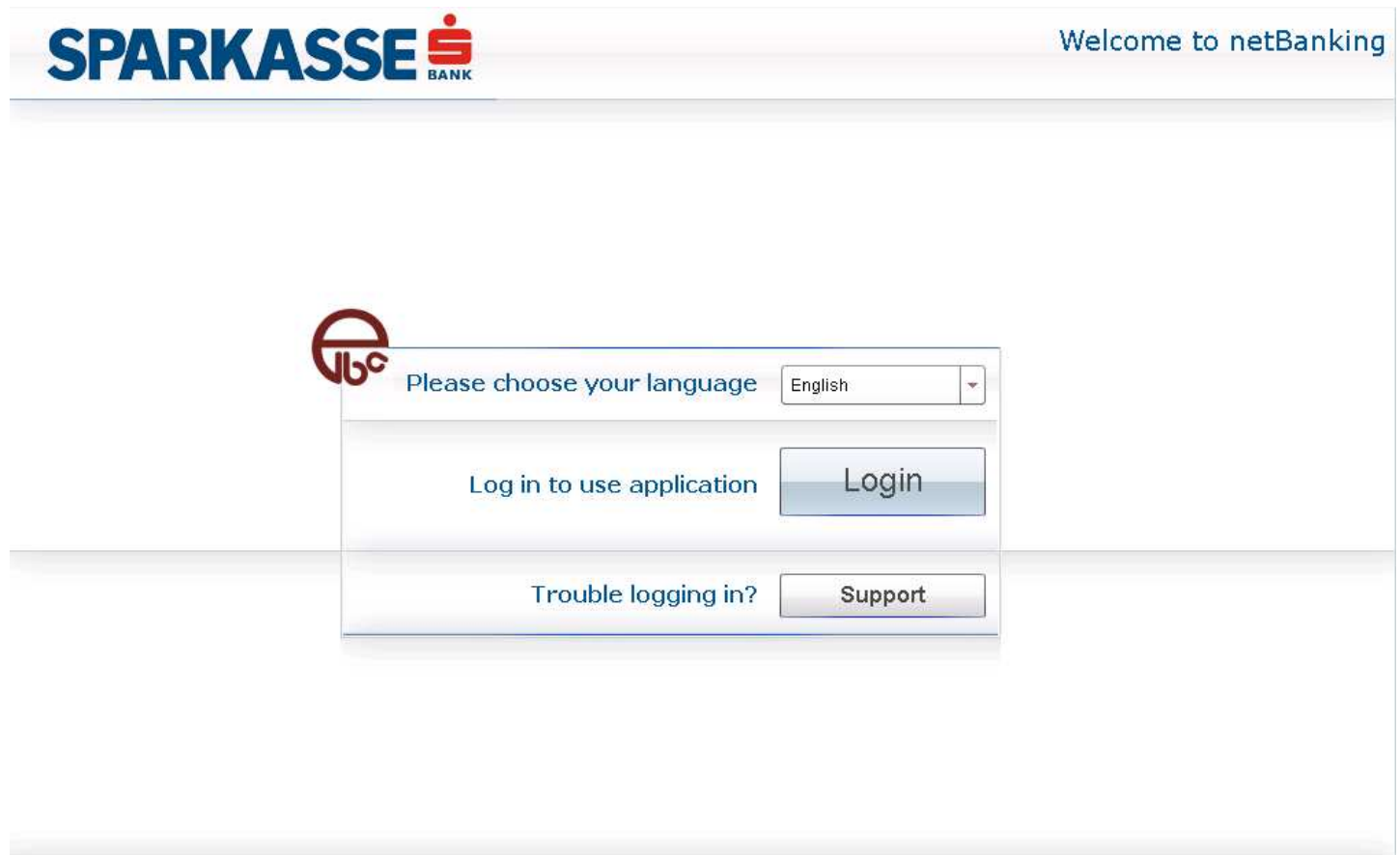
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Starting the application

Starting the application opens the initial mask of the application, which offers the user a few options, primary of which is to log in to the application. The user also has an option to choose the language of the application.

Besides logging in and choosing the language, there are also modules for registering problems in case the user, for some reason, is not able to log in to the application.



Picture 1 – Initial mask of the application

Log in to use application

Click on “Log in” to open the user identification window. Enter your user name and password. There is also an option to select the checkbox “Remember me”, and the username will be remembered for easier and faster future logging in.



Welcome to netBanking

A screenshot of a web browser window titled "Log in to your account". The window has a light gray border and a title bar with a question mark and a close button. Inside, there are two input fields: "Username" with the text "demo" and "Password" which is empty. Below the password field is a checkbox labeled "Remember me?" which is checked. To the right of the checkbox is a "Login" button. At the bottom of the window is a link that says "Report a problem!".

Picture 2 – User identification

Token is a device that allows the safe use of internet banking services, serving the login / identification in netBanking. The token is an independent, personal password-protected (KC Token) device, designed for Internet banking user identification and digital signing of orders so that there is no possibility of unauthorized access to customer accounts. With just one click (Mini Token), the token is going to display numbers that have to be entered as a security check for login.



Mini Token



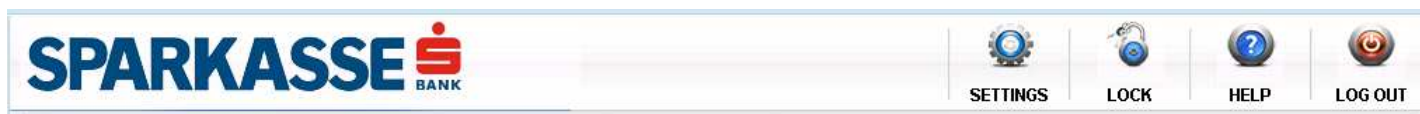
KC Token



Picture 3 – Choose account owner

Global Application Menu

Picture 4 shows the Global Application Menu, which contains various options and tools that make the application easy to use and navigate.



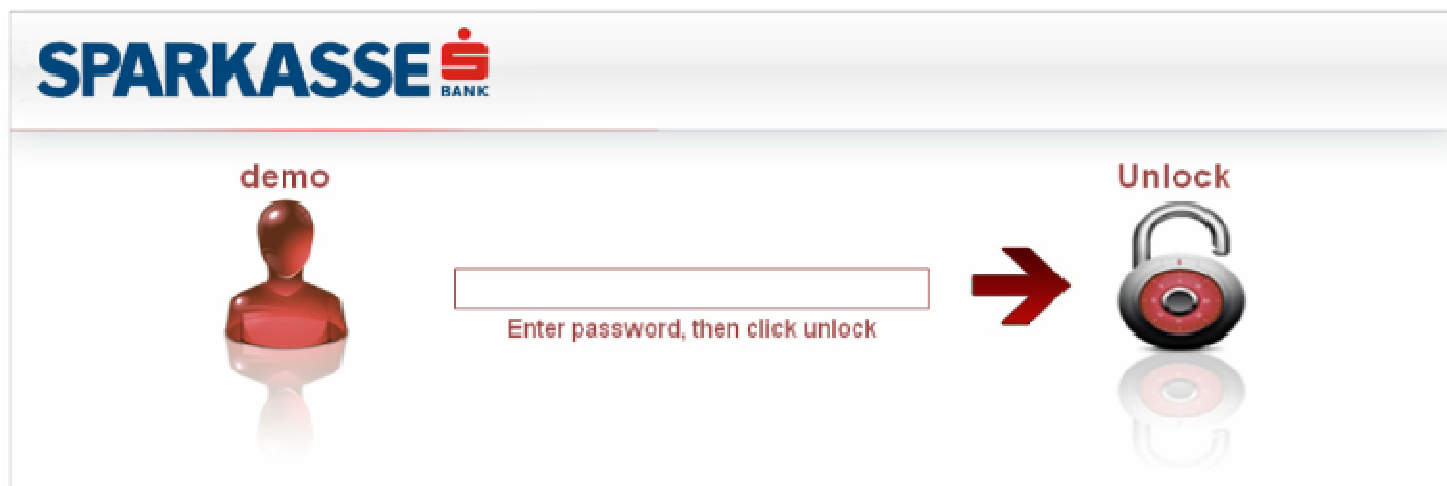
Picture 4 – Global Menu

Options of this menu are:

LOG OUT – allows the user to log out when finished with the application

HELP – allows the user the access to application documents

LOCK – allows the user to temporarily lock the application and pause the work. Reactivation of the application requires password of the user who locked the application, as shown on the picture below.



Picture 5 – Module for locking the application

SETTINGS – module that allows the user to review personal information and change the password.

Additionally, the user has an option to overview his/her rights over accounts. An account may be assigned an alias, as well set as the default (the most often used) account, which is useful when, i.e. making payments and/or transfers from the account.

Settings

General

Accounts

Personal info

Username

demo

First name

Demo

Middle name

Last name

Phone

E-mail

Fax

City

Zip Code

Adress

Password change

Current password

New password

Repeat password

Settings

General

Accounts

Accounts

Contract ID	Alias	Type	Status
16668	Avista depoziti devizni	Avista depoziti devizni	AKTIVAN
16668	Avista depoziti KM (trar	Avista depoziti KM (trar	AKTIVAN
15124	NENAMJENSKI OROČ	NENAMJENSKI OROČ	AKTIVAN
15125	NENAMJENSKI OROČ	NENAMJENSKI OROČ	AKTIVAN
15173	NENAMJENSKI OROČ	NENAMJENSKI OROČ	AKTIVAN

Access rights

Order type	View	Create	Cancel	Sign	Signature	Limit
UPP	+	+	+	+	100	1.000,00
PPI	+	+	+	+	100	1.000,00
TRANSFER	+	+	+	+	100	1.000,00
WU_PAYME	+	+	+	+	100	1.000,00

Avista depoziti devizni

☐ Set as default account

Save

Pictures 6 and 7 – General Settings / Accounts Settings

Information Overview Module

The Information Module can be very useful, and can be opened by clicking on icon with letter “i” next to the tab “Accounts”. This module allows the user to get to many information immediately upon log in, such as:

- Information on the last log in
- News interesting to the user
- User’s last transactions
- User’s last orders

The screenshot shows the SPARKASSE BANK Information Overview Module. The interface includes a top navigation bar with tabs: ACCOUNTS, CARDS, PAYMENTS, TRANSFERS, and OTHER. A 'REFRESH' button is located on the right. Below the tabs, the 'ACCOUNTS' tab is selected, displaying a welcome message 'Welcome Demo Demo'. A red box highlights the 'Your last login was: 14.05.2012, 08:30:07' and 'IP address: 192.168.214.180' information, with a 'Details' button. Below this, a 'News' section shows a 'Special offer' for 'Demo vješt' dated 25.09.2011. At the bottom, there are two tables: 'Last Transactions' and 'Last orders'. Both tables are set to display 5 items. The 'Last Transactions' table shows transactions from 13.03.2012 to 15.03.2012. The 'Last orders' table shows orders from 13.03.2012 to 15.03.2012. Red boxes highlight the data in these tables.

Creation Date	Account	Credit / D	Amount	Value
15.03.2012	005999080000016668977	-	0,50	BAM
15.03.2012	005999080000016668977	-	1,00	BAM
14.03.2012	005999080000016668977	-	0,50	BAM
14.03.2012	005999080000016668977	-	1,00	BAM
13.03.2012	005999080000016668977	-	0,50	BAM

Type	Account No.	Status	Currency	Amount	Description
UJP	005999080000016668977	Accepted	BAM	1,00	sch 1
TRANS	3107976190017000977	Processing	BAM	126,45	Uplat
UJP	005999080000016668977	Accepted	BAM	140,00	napor
UJP	005999080000016668977	Accepted	BAM	1,00	sch 1
UJP	005999080000016668977	Accepted	BAM	12,00	sdfs

Picture 8 – Module for overview of information relevant to the user

Besides the above stated possibilities, a very interesting feature of this module is the news. The user can find here public information of promotional or informational character. If the news have attachments, they can be downloaded by clicking on the button “Download attachment”, as shown below.

SPARKASSE

BANK

SETTINGS

LOCK

HELP

LOG OUT

ACCOUNTS

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

Welcome Demo Demo

News:

Special offer

Demo vijest

Last Transactions:

Creation Date	Account	Type	Amount	Currency	Reference	Status	Current	Amount	Description
15.03.2012	00599908000001666					Accepted	BAM	1,00	sch 1
15.03.2012	00599908000001666					Processing	BAM	126,45	Uplat
14.03.2012	005999080000016668977	-	0,50	BAM	UPP 005999080000016668977	Accepted	BAM	140,00	napor
14.03.2012	005999080000016668977	-	1,00	BAM	UPP 005999080000016668977	Accepted	BAM	1,00	sch 1
13.03.2012	005999080000016668977	-	0,50	BAM	UPP 005999080000016668977	Accepted	BAM	12,00	sdfs

News details

Date: 25.09.2011

Special offer

This month special offer for all of our customers

Author: Amer Zeherović

Download att.

25.09.2011

display 5

Your last login was: 14.05.2012, 08:30:07

IP address: 192.168.214.189

Details

Picture 9 – Window with an overview of details and attachment download

Module for working with accounts

Following successful log in to the application, the user is forwarded to the module for user accounts. Just as its name suggests, this module serves as an overview of and for working with user accounts, and shows all the accounts for which the logged user has rights to work with.

In the module for working with accounts, on the left side are shown all the accounts that the user has access to and can operate with. On the right side of the mask the additional details about the selected account are shown. At the very bottom of the mask there are buttons that allow execution of operations, from making payments and/or transfers from a selected account, to review of transactions and/or statements of a given account. Each of these operations is described in detail in following chapters.

The screenshot displays the SPARKASSE BANK user accounts module. The interface includes a top navigation bar with the bank logo and icons for SETTINGS, LOCK, HELP, and LOG OUT. Below this is a secondary navigation bar with tabs for ACCOUNTS, CARDS, PAYMENTS, TRANSFERS, and OTHER, along with a REFRESH button. The main content area is divided into two sections. The left section lists several accounts, including 'Avista depoziti devizni', 'Avista depoziti KM (transakcijski računi)', and 'NENAMJENSKI OROČENI DEPOZIT OD 13 GOD.'. The right section provides detailed information for the selected 'Avista depoziti KM (transakcijski računi)' account, including account details like 'Card details' (showing a balance of -73.426,84) and 'Account details' (showing Org. ID: Filijala 1, External ID: 1011010000599981, and Account opened at: 16.10.2008). Below these details is a table of cards, showing two cards: 'Maestro Card' and 'Visa elektron debitna kartica', both owned by 'Demo Demo'. At the bottom of the interface are buttons for 'Statements', 'Transactions', 'Domestic payment', 'Abroad payment', and 'Transfer'.

Card type	Owner	Card Type	Status
Maestro Card	Demo Demo	DODATNA	URUCENA KARTICA-AKTIVIRAJ
Visa elektron debitna kartica	Demo Demo	PRIMARNA	URUCENA KARTICA-AKTIVIRAJ

Picture 10a – module for overview of user accounts

Annuity schedule and payments of loan installments

The screenshot displays the SPARKASSE BANK user interface. At the top, there is a navigation bar with icons for SETTINGS, LOCK, HELP, and LOG OUT. Below this is a main menu with tabs for ACCOUNTS, CARDS, PAYMENTS, TRANSFERS, and OTHER, along with a REFRESH button. The left sidebar lists several accounts, including 'Avista depoziti devizni', 'Avista depoziti KM (transakcijski računi)', and multiple 'NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.' entries. The main content area shows details for a selected 'NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.' account. It includes a 'Card details' section with a dropdown menu set to 'BAM' and a value of '3.600.000,00'. The 'Account details' section shows the 'Date of authorization: 30.11.2009' and 'Org. ID.: Centrala'. At the bottom of the main content area, there are two buttons: 'Annuity schedule' and 'Loan depts', both of which are highlighted with red rectangles.

Picture 10b – Module for overview of user accounts, annuity schedule

If the user has a loan, then the mask with accounts allows the user to review the annuity schedule according to which loan installments are paid. As shown on the picture above, one loan account is selected on the left, and on the bottom the button “Annuity schedule” can be clicked for a table overview of all annuities to be paid (picture 10c below, records in the table intentionally left empty). The table shows the date of rate, interest, the capital and the total amount of the loan payment.

SPARKASSE

BANK

SETTINGS

LOCK

HELP

LOG OUT

ACCOUNTS

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

Avista depoziti devizni

005999001000015568

Avista depoziti KM (transakcijski računi)

005999000000015568

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015124

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015125

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015173

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000020668

DEMO Tekući

3167576190017000

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

Card details

BAM

3.600.000,00

Annuity schedule

Annuity schedule

Date of rate	Interest	Capital	Summary

Komitent 005999

Contract No: 15124

Status: AKTIVAN

Picture 10c – Annuity Schedule

Click on button “Make Loan Payment” (see picture 10b) and a new window opens where the account and the currency are chosen for the payment to be processed.

SPARKASSE

BANK

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ACCOUNTS

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

ACCOUNTS

Avista depoziti devizni

005999001000015568

Avista depoziti KM (transakcijski računi)

005999000000015568

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015124

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015125

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000015173

NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.

005999102000020668

DEMO Tekući

3167576190017000

Make loan payment

From account

Currency

Next

Komitent 005999

Contract No: 15124

Status: AKTIVAN

Picture 10d – Make Loan Payment

Following selection of the account and the currency, click on button “Next” and the selected payment will be shown (Picture 10e). If everything is all right, the last step is confirmation by clicking on the button “Finish”. There is always an option to go back and change the account or currency, or to close the window for cancelling the payment of the loan installment.

The screenshot shows a web application interface with a sidebar on the left containing a list of accounts. The main area displays an 'Order preview' dialog box. The dialog box has a title bar with a question mark and a close button. It contains the following fields and controls:

- From account:** A dropdown menu showing '16668 - Avista depoziti KM (transakcijski račun)'.
- Amount:** A text input field containing '126,45'.
- Currency:** A dropdown menu showing 'BAM'.
- To account:** A dropdown menu showing '15124 - NENAMJENSKI OROČENI DEPOZIT OD 1-3 ...'.
- Amount:** A text input field containing '126,45'.
- Currency:** A dropdown menu showing 'BAM'.
- Note:** A text area containing 'Uplata rate kredita 15124-1'.
- Fixed currency:** Radio buttons for 'source', 'destination', and 'both'. The 'source' option is selected.
- Coverage account and currency:** A dropdown menu showing '16668 - Avista depoziti KM (...)' and a currency dropdown showing 'BAM'.
- Notice:** A red text line stating 'Notice: At the time of order booking the current exchange list will be used!'.
- Checkboxes:** 'Order is complete' and 'Sign' are both checked.
- Buttons:** 'Back' and 'Finish' buttons are at the bottom right.

In the background, the sidebar lists several accounts, including 'Avista depoziti deviza', 'Avista depoziti KM (transakcijski račun)', and several 'NENAMJENSKI OROČENI DEPOZIT OD 1-3 GOD.' accounts. The top right of the application shows a 'REFRESH' button and some account details like 'Korisnik: 005999' and 'Contract No: 15124'.

Picture 10e – overview of payment before confirmation

NOTE: If “Sign” is selected before clicking on “Finish”, then this payment order will have the status “Signed order”. If this option is not selected, then the order will be in status “Opened order”.

Module for working with cards

Netbanking also offers card support. The user has the option to review all his/her cards related to any of his/her accounts. There are two ways to get information about the cards. The first is to select the account, as shown on the picture below. Therefore, select the account on the left side, and if there are cards connected to it, they will be shown in the card table.

Click on any card shown in the table for a detailed overview of the card.

The screenshot displays the SPARKASSE BANK netbanking interface. At the top, there is a navigation bar with icons for SETTINGS, LOCK, HELP, and LOG OUT. Below this is a main menu with tabs for ACCOUNTS, CARDS, PAYMENTS, TRANSFERS, and OTHER, along with a REFRESH button. The left sidebar lists several accounts, including 'Avista depoziti devizni', 'Avista depoziti KM (transakcijski računi)', and 'NENAMJENSKI OROČENI DEPOZIT OD 13 GOD.'. The main content area shows details for the 'Avista depoziti KM (transakcijski računi)' account. It includes a 'Card details' section with a currency dropdown set to 'BAM' and a balance of '-73.420,84'. It also shows the 'Account details' section with the Org. ID: Filijala 1, External ID: 1011010000599981, and Account opened at: 16.10.2008. Below these sections is a 'Cards' table with two rows: 'Maestro Card' and 'Visa elektron debitna kartica', both owned by 'Demo Demo'. At the bottom, there are buttons for 'Statements', 'Transactions', 'Domestic payment', 'Abroad payment', and 'Transfer'.

Card type	Owner	Card Type	Status
Maestro Card	Demo Demo	DODATNA	URUCENA KARTICA-AKTIVIRAJ
Visa elektron debitna kartica	Demo Demo	PRIMARNA	URUCENA KARTICA-AKTIVIRAJ

Picture 10f – Overview of cards through the account

The second way to view cards is to click directly on the link “CARDS” in the main menu, and the mask shown below will open. The mask has details about the account and the card, as well as statement to review card transactions.

REFRESH

Maestro Card
DODATNA

Visa elektron debitna kartica
PRIMARNA

Maestro Card
URUCIENA KARTICA-AKTIVIRANA

Demo Demo
Status: AKTIVAN

Card details

Account details

Org. ID: Filijala 1
External ID: 1011010000599981
Account opened at: 16.10.2008

Pregled prometa

From date

To date

Amount

Show

13.08.2008

12.05.2012

Show

Transaction date	Description	Location	Currency	Amount

Statements

Transactions

Domestic payment

Abroad payment

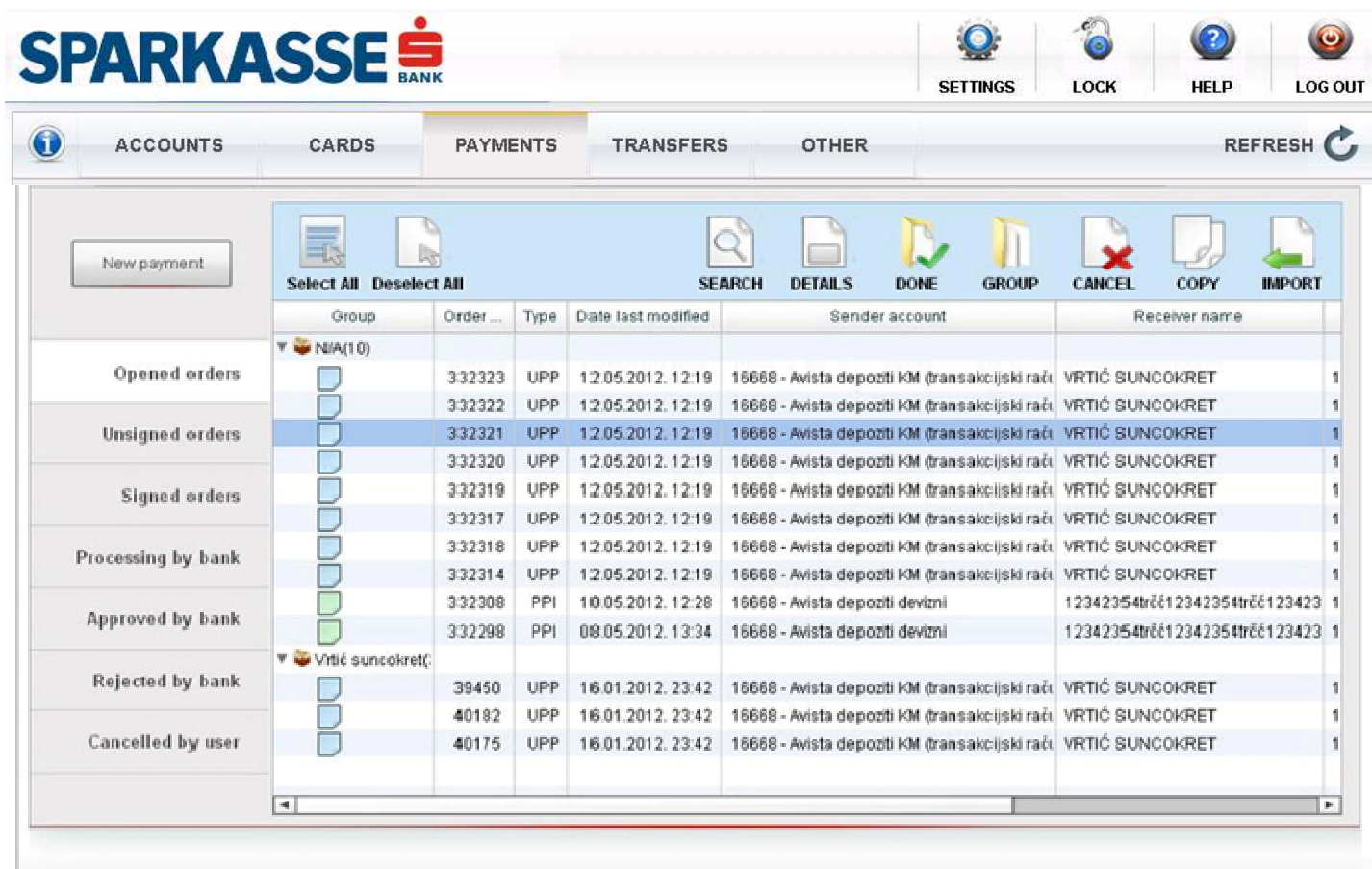
Transfer

Picture 10g – Overview of all cards

Enter the amount and/or time period and all transactions will be shown in the table below. To select another card, just click on the desired card name in the Status Menu on the left.

Payments Module

The picture below shows the module for making payment transactions. The user has the possibility to review all his/her orders, which can be in different statuses, which is indicated in the menu on the left. It is also possible to make various operations with orders in different statuses by using the icon menu directly above the order, such as view details of every order, cancel the order, copy it, import it or group orders together.

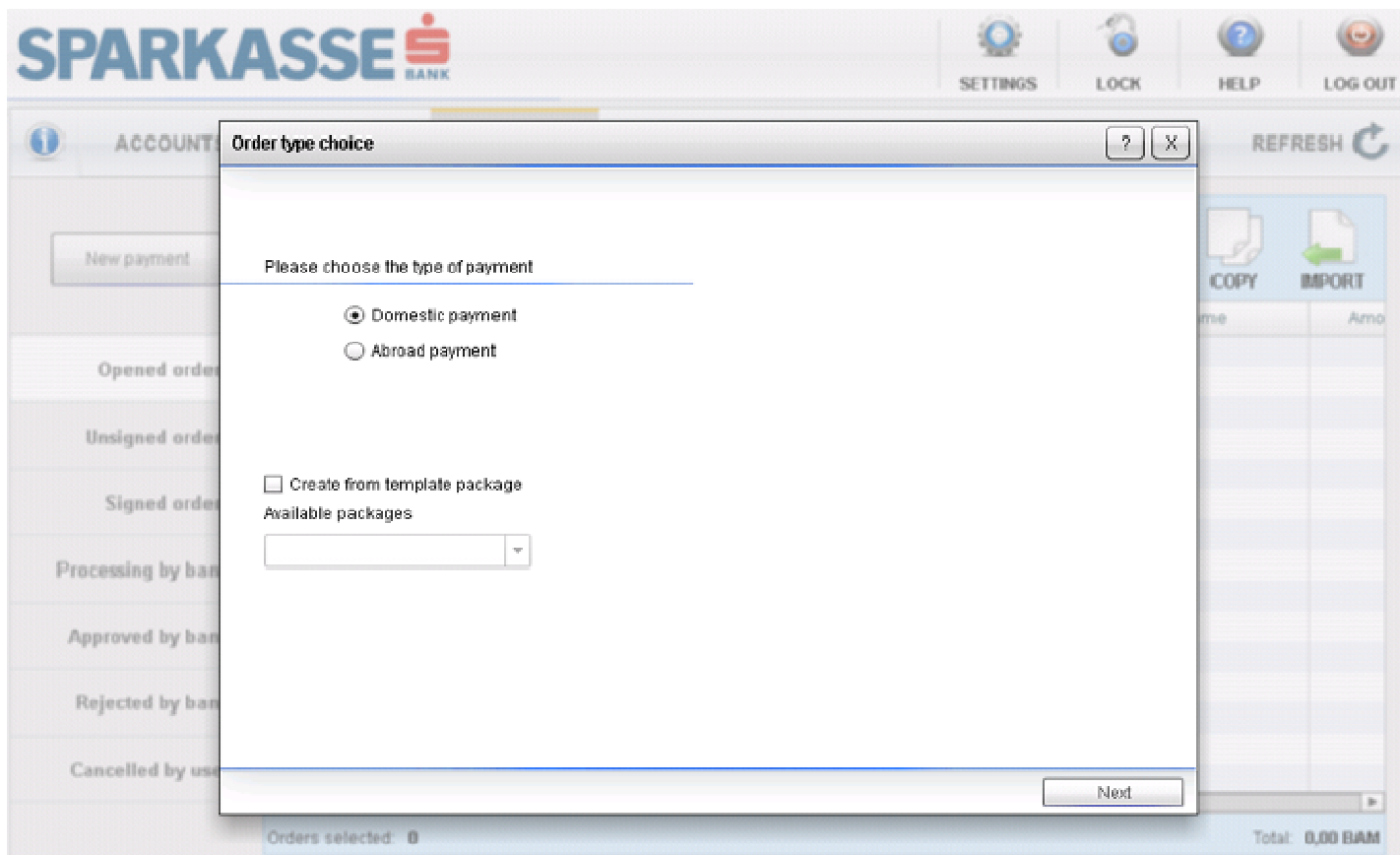


Picture 11 –Payments Module

Creating a new payment order

To make a new payment, click on “New Payment” (see Picture 12), and the wizard will pop up to help you define all the payment details. The following pictures show the steps of the payment wizard. The first step defines the type of payment, while the second step fills out the payment order. It is also possible to create a new payment order based on a previously created template or a set of templates, which is a new feature of netBanking. In the second step, when a payment order is filled out, it can also be saved as:

- A template, which will speed up future payment orders.
- An incomplete order with a status of Opened Order, and will be saved on the list of opened orders



Picture 12 – First step of Payment Wizard, selection of payment type

Order data

Print order

Use template

Choose an account

Payee (name, address, phone)
Demo, Demo
Sarajevo, 71000,

Payee's account **N/A**

Beneficiary's account

Payment reference

Amount ☐ URGENT

☐ for public revenue only

Note

Beneficiary

Taxpayer No

Payment type

Type of revenue

Municipality

Payee Tax Ref.No.

Budgetary unit

Period of taxation

From

To

Save as template **Save order** **Back** **Next**

Picture 13a – Second step of Payment Wizard, filling out the payment order (Domestic Payment)

Order data

Print order

Use template

Choose an account

Paid by
Demo, Demo
Sarajevo, 71000,

Order amount and currency

Amount and coverage currency

Payment description

Data about the receiver

Receiver account

Name

Address

Post code / City / State

Bank BIC

Bank name

The expenses bared by:

Delivery time: T+2

Notice: At the time of order booking the current exchange list will be used!

Save as template Save order Back Next

Picture 13b – Second step of Payment Wizard, filling out the pmt. order (Abroad Payment)

Order scheduling

Schedule Type

☒ Immediate

☐ Once

☐ Repeat

General rules

Not before

Not after

Failure handling

Retry after

Max retry

Save order Back Next

Picture 14 – Third step of Payment Wizard, scheduling the payment order

Payment orders can be scheduled to be paid immediately, once, or repeated periodically, ie. if a payment should be repeated on the same date of every month (monthly installments). If option 'Once' or 'Repeat' is selected, additional controls for selection of exact time of payment appear in the upper right corner.

Additional payment rules can also be set, such as order cannot be paid before or after a set time, or depending on the account balance. The number and intervals of subsequent payments attempts can also be set, in case the first payment order is not successful. For example, maybe there were insufficient funds on the account, and a rule can be set that the order should be processed once every day in case that the account balance changes in the meantime. The fourth and final step of the Payment Wizard is for order confirmation, after which the order will be visible on the list of Opened Orders. All scheduled orders can be viewed in the module **"Scheduled Orders"** in the menu **"Other"**. Details on this option follow in further chapters.

Order preview

Choose an account: 16668 - Avista depoziti KM (transakcijski ...)

Payee (name, adress, phone): Demo, Demo

Payee's account: 1011010000599981

Beneficiary's account: 1610000000000002

Payment reference: ref

Amount: 140,00 ☐ URGENT

☐ for public revenue only

Note: napomena

Beneficiary: Test testić

Taxpayer No.:

Payment type:

Type of revenue:

Municipality:

Period of taxation:

From:

To:

Payee Tax Ref.No.:

Budgetary unit:

☒ Order is complete

☒ Sign

Back Finish

SPARKASSE BANK

SETTINGS LOCK HELP LOG OUT

ACCOUNTS CARDS **PAYMENTS** TRANSFERS OTHER REFRESH

New payment

Select All Unselect all SEARCH DETAILS DONE GROUP CANCEL COPY IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name
Opened orders	N/A(10)					
Unsigned orders						
Signed orders						
Processing by bank						
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Avista depoziti devizni	12342354trčč12342354trčč123423
		332298	PPI	08.05.2012. 13:34	16668 - Avista depoziti devizni	12342354trčč12342354trčč123423
Rejected by bank	Vrtić - suncokret(C)	39450	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET
		40182	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET

Info

Order successfully signed.

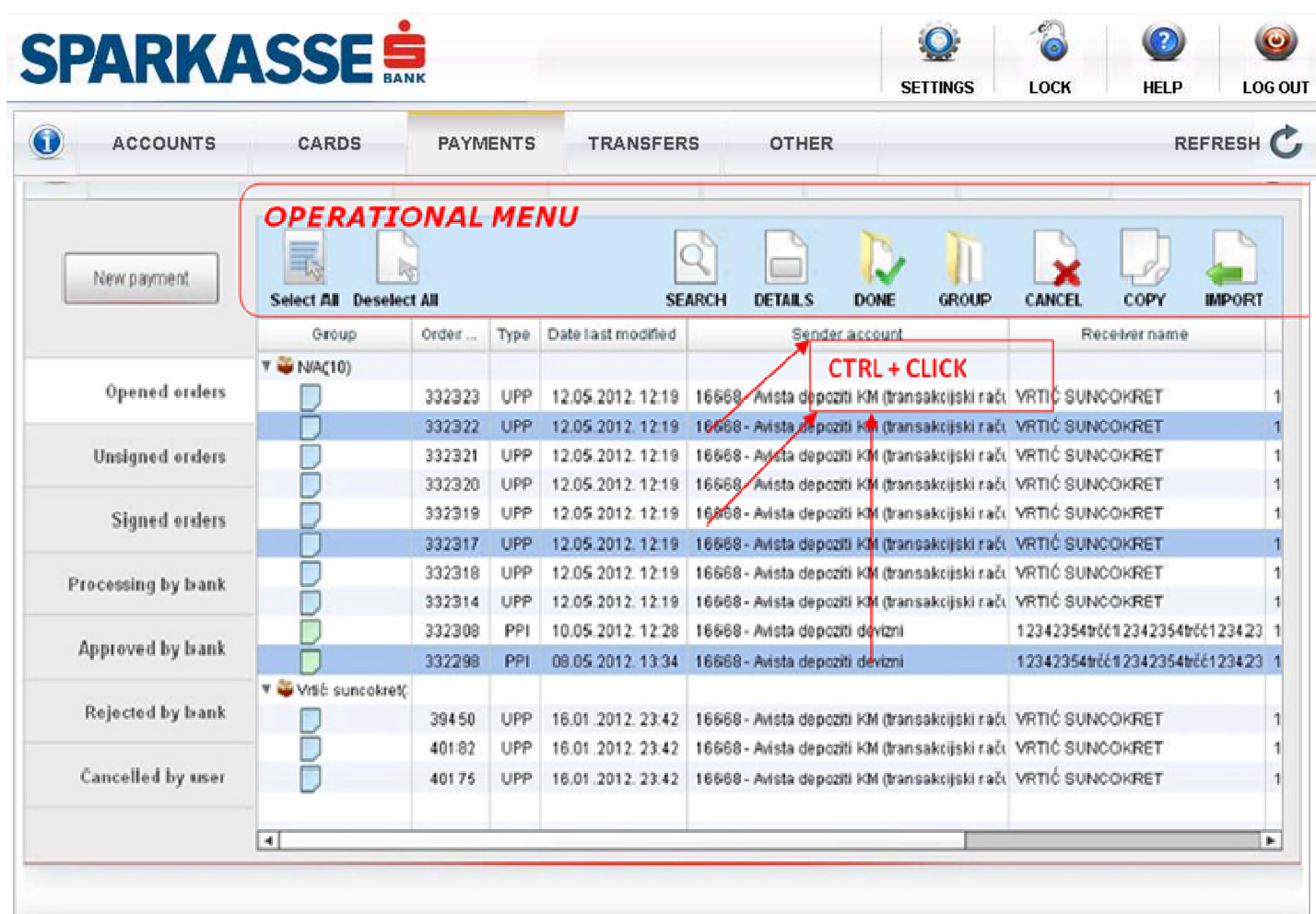
OK

Picture 15 and 16 – Fourth step of Payment Wizard, confirming the payment order

Operational Application Menu

Operational Menu is the application element that the user will use mainly when working with the already created orders (payments, transfers, requests). As shown below, Operational Menu consists of a series of buttons and is located directly above the order on which the user is currently working. Operational Menu depends on the status menu, ie. order status, which means that some options exist only for orders in a specific status, not for all statuses.

Selecting Orders – orders can be selected in more than one way. For selecting multiple orders, which are not located next to each other, then hold **CTRL + click on the desired orders**:



Picture 17a – Operational Menu, selecting individual orders

In order to select multiple orders **located next to each other**, select the first order, hold **SHIFT** key and click on the last order. The result is selection of the first, the last and all the orders between them.

SPARKASSE

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New payment

Select All

Deselect All

SEARCH

DETAILS

DONE

GROUP

CANCEL

COPY

IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name	
Opened orders	▼ N/A(10)	332323	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332322	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Unsigned orders		332321	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332320	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Signed orders		332319	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332317	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Processing by bank		332318	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332314	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Avista depoziti devizni	12342354trč12342354trč123423	1
		332298	PPI	08.05.2012. 13:34	16668 - Avista depoziti devizni	12342354trč12342354trč123423	1
Rejected by bank	▼ Vrtić suncokret	39450	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		40182	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1

Picture 17b – Operational Menu, selecting consecutive orders

If orders are grouped, clicking on the name of the group selects all the orders in the group:

SPARKASSE

BANK

SETTINGS

LOCK

HELP

LOG OUT

ACCOUNTS

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

New payment

Select All

Deselect All

SEARCH

DETAILS

DONE

GROUP

CANCEL

COPY

IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name	
Opened orders	▼ N/A(10)	332323	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332322	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Unsigned orders		332321	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332320	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Signed orders		332319	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332317	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Processing by bank		332318	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		332314	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Avista depoziti devizni	12342354trč12342354trč123423	1
		332298	PPI	08.05.2012. 13:34	16668 - Avista depoziti devizni	12342354trč12342354trč123423	1
Rejected by bank	▼ Vrtić suncokret	39450	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
		40182	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač	VRTIĆ SUNCOKRET	1

Picture 17c – Operational Menu, selecting grouped orders

"Select all" selects all orders at once, "Deselect all" does the opposite

REFRESH

New payment

Select All

Deselect All

SEARCH

DETAILS

DONE

GROUP

CANCEL

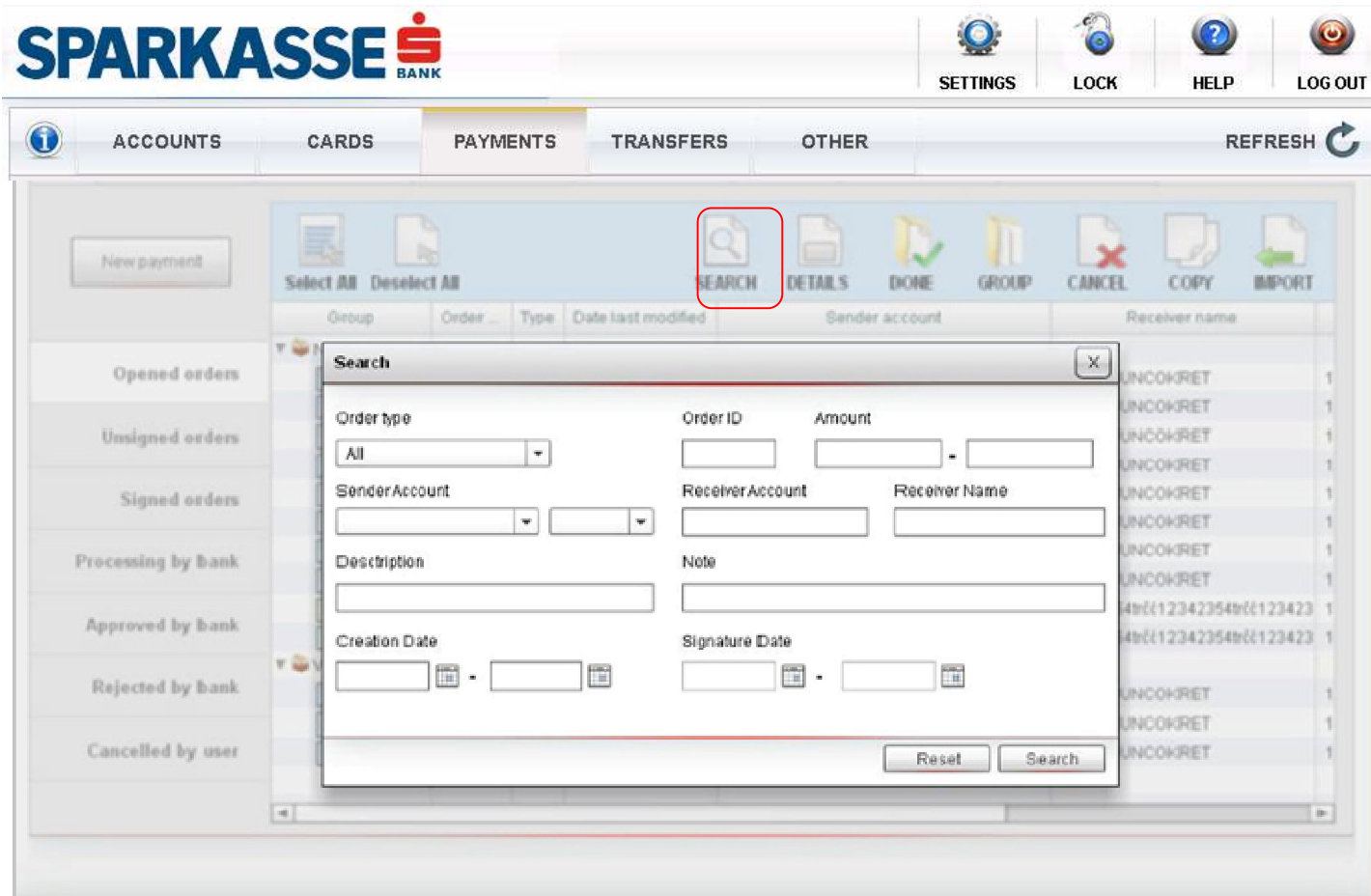
COPY

IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name	
Opened orders	NPA(10)	332323	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
		332322	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
Unsigned orders		332321	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
		332320	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
Signed orders		332319	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
		332317	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
Processing by bank		332318	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
		332314	UPP	12.05.2012. 12:19	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Arista depoziti devizni	12342354trč12342354trč123423	1
		332298	PPI	08.05.2012. 13:34	16668 - Arista depoziti devizni	12342354trč12342354trč123423	1
Rejected by bank	Vrtić suncokret()	39450	UPP	16.01.2012. 23:42	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
		40182	UPP	16.01.2012. 23:42	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Arista depoziti KM (transakcijski rači	VRTIĆ SUNCOKRET	1

Picture 17d – Operational Menu, selecting all orders

Searching orders (Search option) - orders can be **searched by any column**. Select the Search form (see picture below) and enter search parameters. Click on “**Search**” and search results will show, which can immediately be continued by adding additional parameters, in case that not all the parameters were used during the first search. In any case, this option allows easy search through orders. When the search is successfully completed, and we wish to have the orders overview, which we had **before performing the search**, it is **MANDATORY** to click on “**Reset**” button. If, during some phase of the order, a filter was selected, which was not reset through the search form, then the labels of those phases will have an indication (funnel) that results in those phases are filtered (ie. incomplete).



Picture 17e – Operational Menu, searching orders

Order Details (option Details) - each order, no matter of its status, can be viewed in detail by either double clicking on it, or selecting the order and clicking on button “Details”, following which the below form appears (picture below).

[illegible]

Picture 17f – Operational Menu, Order Details

Note: Your configuration may not support some functionalities of the application.

Completing the order (option Done) – Orders in status “Open” are incomplete or work in process orders, which the user plans to complete subsequently. After you are sure that the order is complete, select it and click on button “Done”, as shown below:

SPARKASSE BANK

SETTINGS LOCK HELP LOG OUT

ACCOUNTS CARDS **PAYMENTS** TRANSFERS OTHER REFRESH

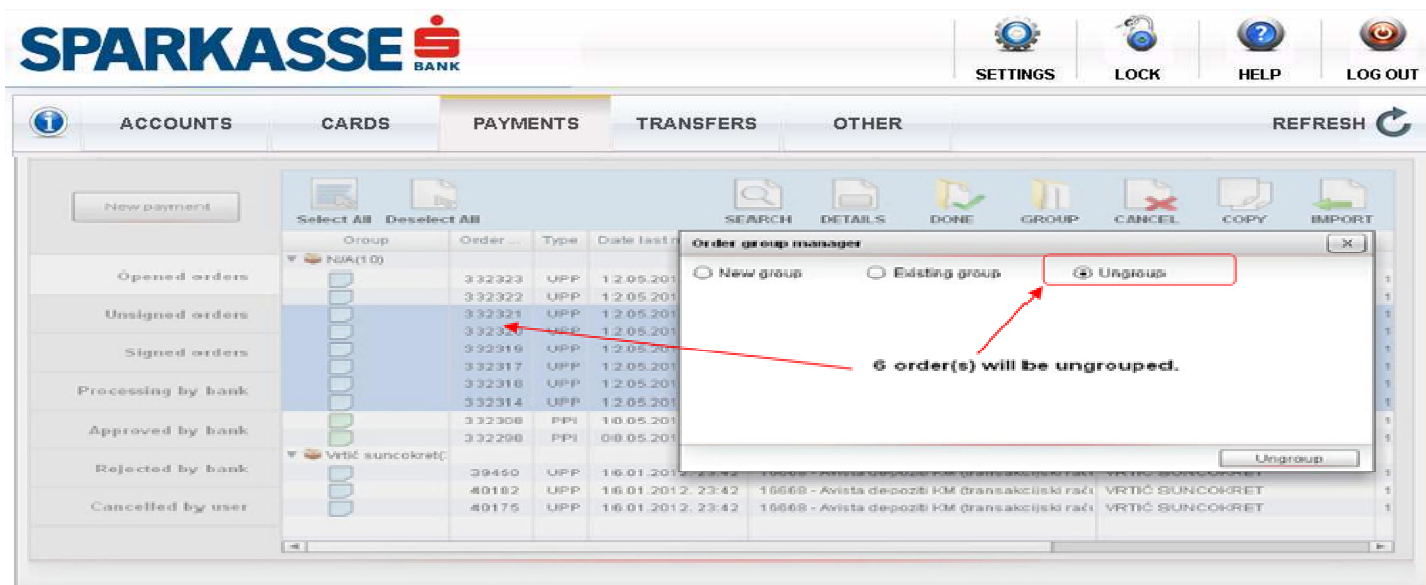
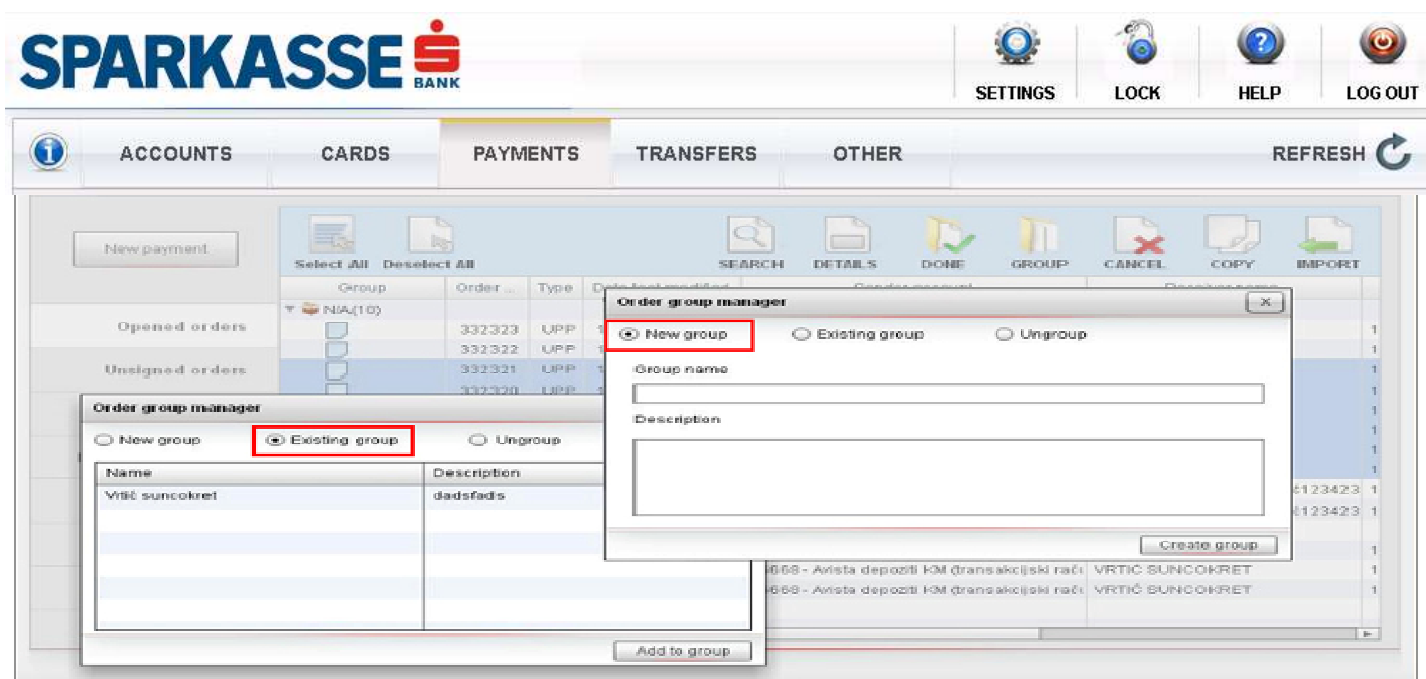
New payment

Select All Deselect All SEARCH DETAILS **DONE** GROUP CANCEL COPY IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name	
Opened orders	NPA(10)	332323	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
		332322	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
Unsigned orders		332321	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
Signed orders		332320	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
		332319	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
		332317	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
Processing by bank		332318	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
		332314	UPP	12.05.2012. 12:19	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Avista depoziti devizni	12342354trčč12342354trčč123423	1
		332208	PPI	09.05.2012. 13:34	16668 - Avista depoziti devizni	12342354trčč12342354trčč123423	1
Rejected by bank	Vrtić suncokretČ	39450	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
		40182	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Avista depoziti KM (transakcijski rač)	VRTIĆ SUNC-OKRET	1

Picture 17g – Operational Menu, Completing the order

Grouping the order – orders that were created can also be grouped. Select the desired orders and click on button “**Group**”. A new window will appear, where, if a new group is being created, the name of the group and the description are entered. The selected orders can also be moved to one of existing groups. All orders that are not grouped into one of user’s groups are located in the group without a name (only the total number of ungrouped orders is next to the group icon). The advantage of grouping orders is definitely easier work with and overview of the orders. All orders that have been grouped can also be **ungrouped**, ie. **removed from the group**. Select the orders that should be removed and click “**Group**”. The window appears with option “**Ungroup**”, then click on button “**Ungroup**”. This ungrouping process can also be used when ungrouping all orders of one group. If all orders of one group are removed from the group, the group will remain on the list of groups, but will be empty, which means it can be used again in the future. Please see the examples below:



Picture 17h and 17i – Operational Menu, Grouping and Ungrouping Orders

Signing orders – this option is **available** for unsigned orders only. Orders are signed by selecting orders and clicking on icon “Sign”.

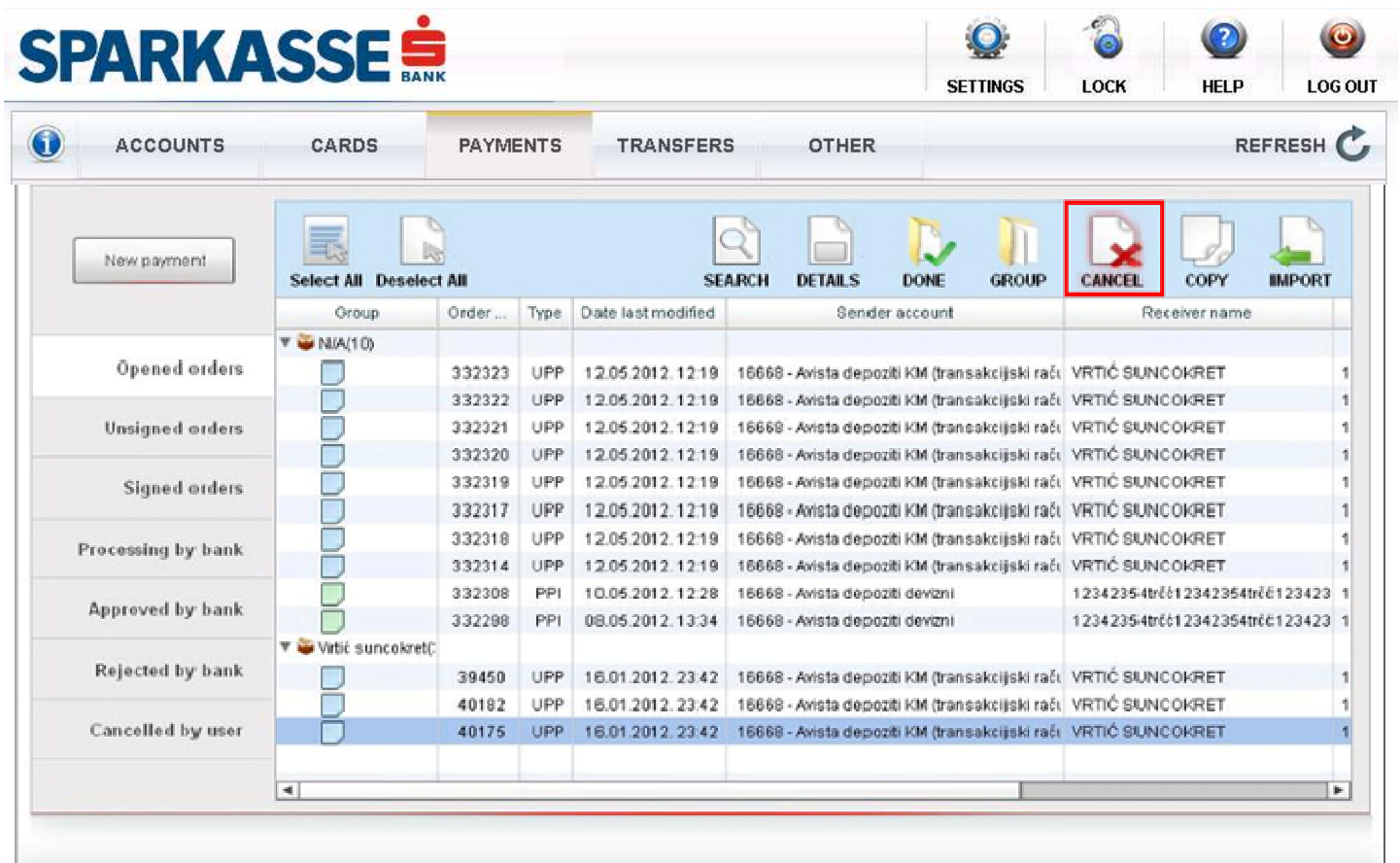
The screenshot shows the SPARKASSE BANK web interface. At the top, there's a navigation bar with 'ACCOUNTS', 'CARDS', 'PAYMENTS' (selected), 'TRANSFERS', and 'OTHER'. A 'REFRESH' button is on the right. Below the navigation bar, there's a 'New payment' button and a toolbar with icons for 'Select All', 'Deselect All', 'SEARCH', 'DETAILS', 'GROUP', 'SIGN' (highlighted with a red box), 'CANCEL', 'COPY', and 'EXPORT'. The main area displays a table of payments with columns: Group, Signed, Order..., Type, Date last modified, Sender account, and Receiver name. The table is filtered by 'NPA(49)'. The 'Signed' column shows checkboxes, and the 'SIGN' button is used to sign unsigned orders.

Group	Signed	Order...	Type	Date last modified	Sender account	Receiver name
Opened orders	<input type="checkbox"/>	332253	UPP	23.04.2012. 12:21	16668 - Avista depoziti KM (transakcijski rači	bb
	<input type="checkbox"/>	332252	UPP	23.04.2012. 12:06	16668 - Avista depoziti KM (transakcijski rači	x
	<input type="checkbox"/>	332251	UPP	23.04.2012. 12:03	16668 - Avista depoziti KM (transakcijski rači	bilo ko
Unsigned orders	<input type="checkbox"/>	332205	PPI	26.03.2012. 18:27	16668 - Avista depoziti KM (transakcijski rači	aa
	<input type="checkbox"/>	332186	UPP	09.03.2012. 11:26	16668 - Avista depoziti KM (transakcijski rači	Test testić
Signed orders	<input type="checkbox"/>	332182	UPP	17.02.2012. 15:01	16668 - Avista depoziti KM (transakcijski rači	Jelena Cuca
	<input type="checkbox"/>	148327	PPI	08.11.2011. 14:37	16668 - Avista depoziti devizni	4 šdēēē1 šdēēē1 šdēēē1
Processing by bank	<input type="checkbox"/>	148130	PPI	08.11.2011. 14:25	16668 - Avista depoziti devizni	4 šdēēē1 šdēēē1 šdēēē1
	<input type="checkbox"/>	80180	PPI	04.11.2011. 11:19	16668 - Avista depoziti devizni	4 qwešđ 1qwešđ 1qwešđ
Approved by bank	<input type="checkbox"/>	58263	UPP	02.11.2011. 11:00	16668 - Avista depoziti KM (transakcijski rači	Test testić
	<input type="checkbox"/>	58259	UPP	02.11.2011. 10:10	16668 - Avista depoziti KM (transakcijski rači	qwešđēē 1
Rejected by bank	<input type="checkbox"/>	58225	UPP	01.11.2011. 11:15	16668 - Avista depoziti KM (transakcijski rači	Naziv racuna primaoca
	<input type="checkbox"/>	58222	UPP	31.10.2011. 16:12	16668 - Avista depoziti KM (transakcijski rači	t3
Cancelled by user	<input type="checkbox"/>	58221	UPP	31.10.2011. 16:05	16668 - Avista depoziti KM (transakcijski rači	t3
	<input type="checkbox"/>	58214	PPI	31.10.2011. 14:25	16668 - Avista depoziti KM (transakcijski rači	Ime

Picture 17j – Operational Menu, Signing Orders

Cancelling an order – in case you need to cancel one or more orders, select order(s) and click on button “Cancel”.

Cancellation of orders is possible only for orders in status: Opened, Unsigned, and Signed.



Picture 17k – Operational Menu, Cancelling an Order

Copying an order – in case you wish to copy one or more orders, select the order(s) and click on button “Copy”. Regardless if you selected grouped or ungrouped orders, and regardless of their status, the new, copied, orders will appear as **new ungrouped orders in status “Opened”**.

ACCOUNTS

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

New payment

Select All

Deselect All

SEARCH

DETAILS

DONE

GROUP

CANCEL

COPY

IMPORT

	Group	Order ...	Type	Date last modified	Sender account	Receiver name	
Opened orders	▼ NIA(10)						
		332323	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
		332322	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
Unsigned orders		332321	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
		332320	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
Signed orders		332319	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
		332317	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
Processing by bank		332318	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
		332314	UPP	12.05.2012. 12:19	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
Approved by bank		332308	PPI	10.05.2012. 12:28	16668 - Avista depoziti devizni	12342354trčē12342354trčē123423	1
		332298	PPI	08.05.2012. 13:34	16668 - Avista depoziti devizni	12342354trčē12342354trčē123423	1
Rejected by bank	▼ Vrtić suncokretc						
		39450	UPP	16.01.2012. 23:42	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
		40182	UPP	16.01.2012. 23:42	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1
Cancelled by user		40175	UPP	16.01.2012. 23:42	16668 - Avista depoziti K&M (transakcijski rač	VRTIĆ SUNCOKRET	1

Picture 17I – Operational Menu, Copying an Order

Transfer Module

The picture below shows the Transfer Module, which allows the user to transfer funds between own accounts, which is also a new feature vs. the last version of netBanking. The method of work is identical to making a payment order – there is the Status Menu on the left, Operations Menu directly above (Details, Group, Cancel, etc.), as well as the New Transfer Wizard. There is also the conversion option for transfer orders that imply currency purchase/sale.

CARDS

PAYMENTS

TRANSFERS

OTHER

REFRESH

New transfer

Select All

Deselect All

SEARCH

DETAILS

GROUP

SIGN

CANCEL

COPY

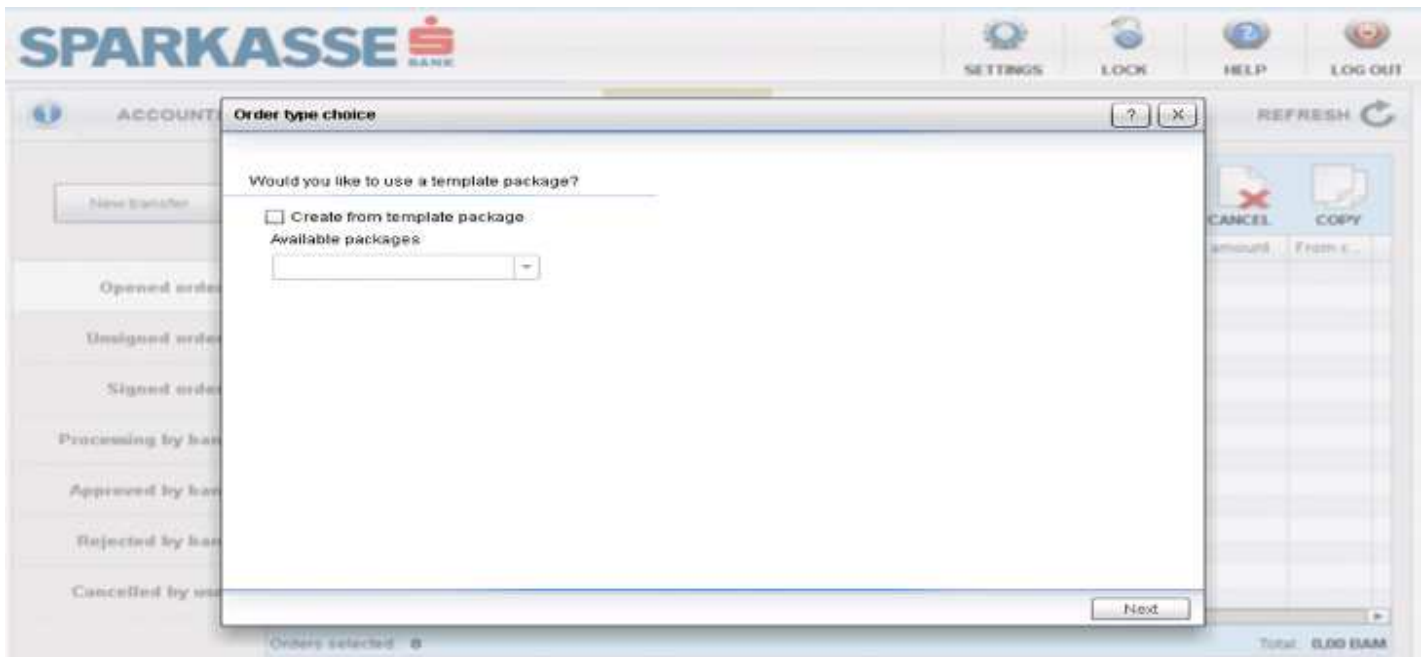
Group	Signed	Order ...	Type	Creation Date	Sender account	From amount	From c...
N/A(8)							
Opened orders		332310	TRANSFER	10.05.2012. 13:30	16668 - Avista depoziti KM (transak	10,00	BAM
		332198	TRANSFER	21.03.2012. 09:36	16668 - Avista depoziti KM (transak	10,00	BAM
Unsigned orders		202336	TRANSFER	02.02.2012. 14:32	16668 - Avista depoziti KM (transak	12,00	BAM
		202097	TRANSFER	16.01.2012. 23:45	16668 - Avista depoziti KM (transak	195,58	BAM
Signed orders		36307	TRANSFER	06.10.2011. 12:47	16668 - Avista depoziti KM (transak	51,00	BAM
		36167	TRANSFER	04.10.2011. 13:43	16668 - Avista depoziti KM (transak	2,58	BAM
Processing by bank		36143	TRANSFER	30.09.2011. 14:18	16668 - Avista depoziti KM (transak	50,00	BAM
		35690	TRANSFER	07.09.2011. 12:33	16668 - Avista depoziti KM (transak	1,00	BAM
Approved by bank							
Rejected by bank							
Cancelled by user							

Picture 18 – Transfer Module

Creating a new transfer order

To make a new transfer, click on button “New Transfer”, and the Wizard will pop up to help with defining transfer details. The following pictures show the steps of the Transfer Wizard.

The wizard for creating a new transfer order is almost identical to the wizard for new payment orders. The difference is in the actual orders that are filled out, while the rest of the process, scheduling the order and its confirmation, is completely the same as for Payment Module.



Picture 19a – First step, New Transfer

ACCOUNTS

?

X

REFRESH

Print order

Use template

From account

Amount

To account

Amount

Currency

Currency

Calculate

Fixed currency

☒ source
☐ destination
☐ both

Coverage account and currency

Note

CANCEL

COPY

amount	From c...	
50,00	BAM	1
100,00	BAM	1

Save as template

Save order

Back

Next

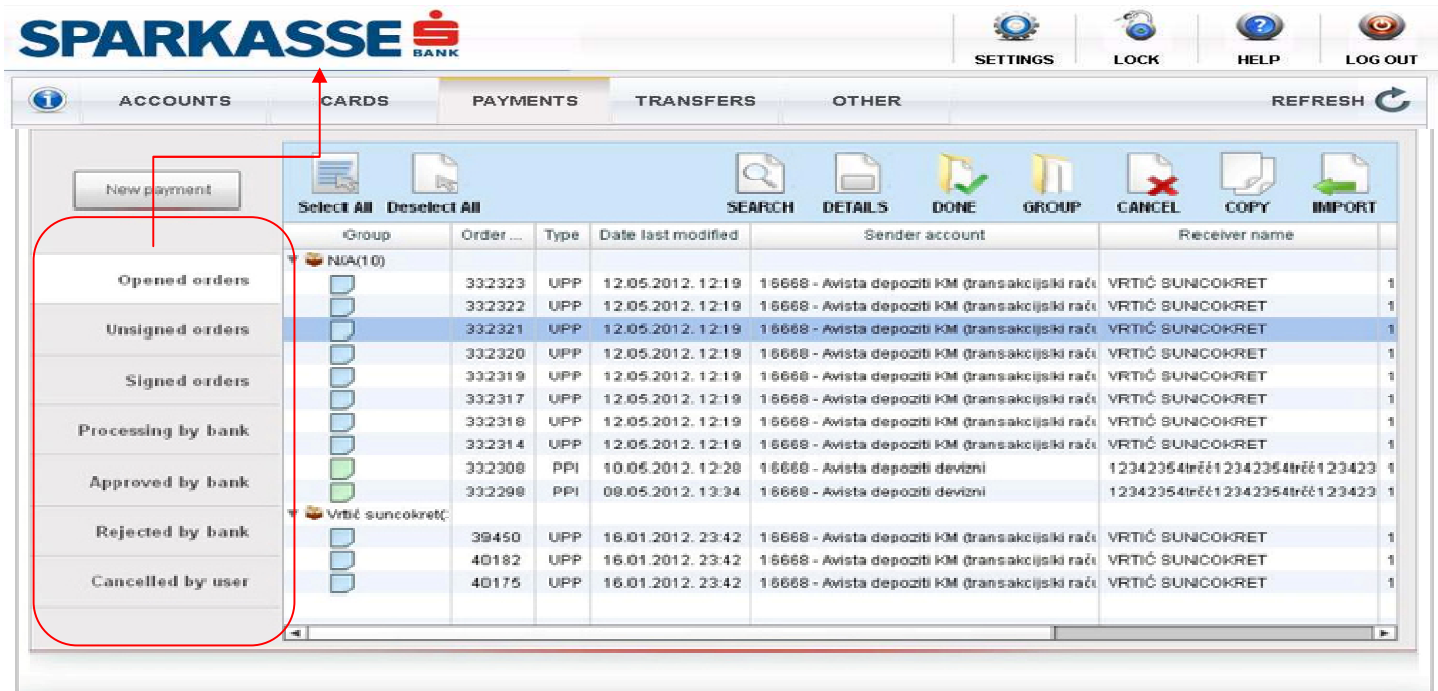
Notice: At the time of order booking the current exchange list will be used!

Picture 19b – Second step, order for a transfer between accounts

Status Application Menu

Status Menu is an application component that the user will use quite often, mostly during the work with already created orders, regardless if they are payments, transfers or requests. As shown on the picture below, the status menu contains seven elements (statuses). Each element of the menu represents a set of orders in a specific status. The exception is the module for Western Union orders, which has one additional status for order validation.

Status Application Menu: set of all orders grouped by their statuses



Picture 20 – Application Status Menu

- **Opened orders** – incomplete orders that are prepared, but not finished in the last phase of the wizard for creating a new order. Each order in status “Opened” can be subsequently finished directly from the datagrid simply by selecting an order and clicking on button “Finish” in the Operational Menu, following which the order is automatically moved to the next phase – unsigned order.
- **Unsigned orders** – orders that are created and waiting to be signed (by one or more signatures). When an order has 100% signature, it is moved to the next phase – signed order.
- **Signed orders** – orders waiting to be processed by the bank, but still have not been taken over by the bank.
- **Orders in process by bank** – orders which the bank has taken over from ELBA and are being processed by the Bank
- **Orders approved by bank** – orders that have been successfully taken over and processed by the bank
- **Orders rejected by bank** – orders that were not successfully processed by the bank
- **Orders cancelled by user** – orders which the user cancelled during one of the first three phases

Operational Menu **changes** in terms of number of options depending on the **status** of the order. Option for importing orders is available only for first phase, while export of orders is available on all other phases except first. **Order cancellation is possible only in the first three phases.**

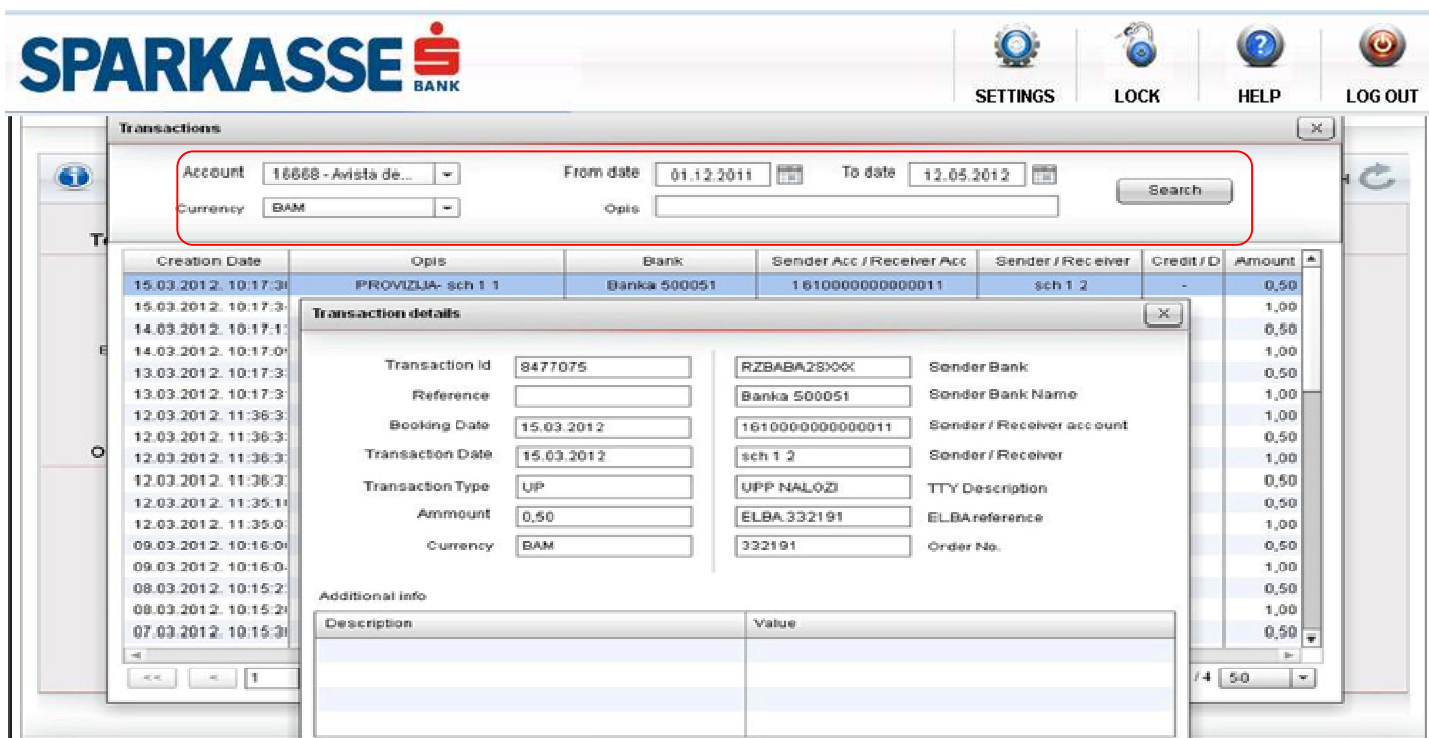
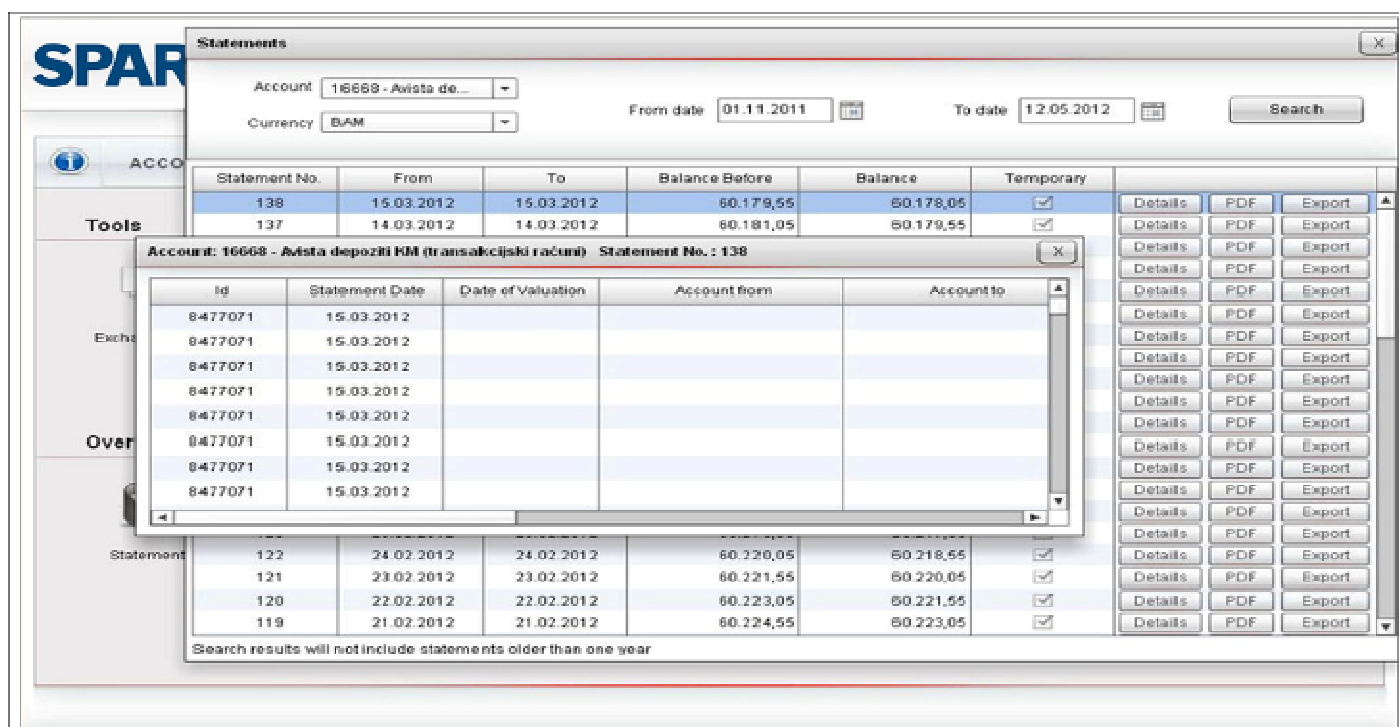
Other Options Module

The picture below shows the mask that offers the user additional options, the most interesting of which are the options that allow the user to view his/her account statements and/or transactions. Click on button “Statements” or “Transactions” in order to view them.



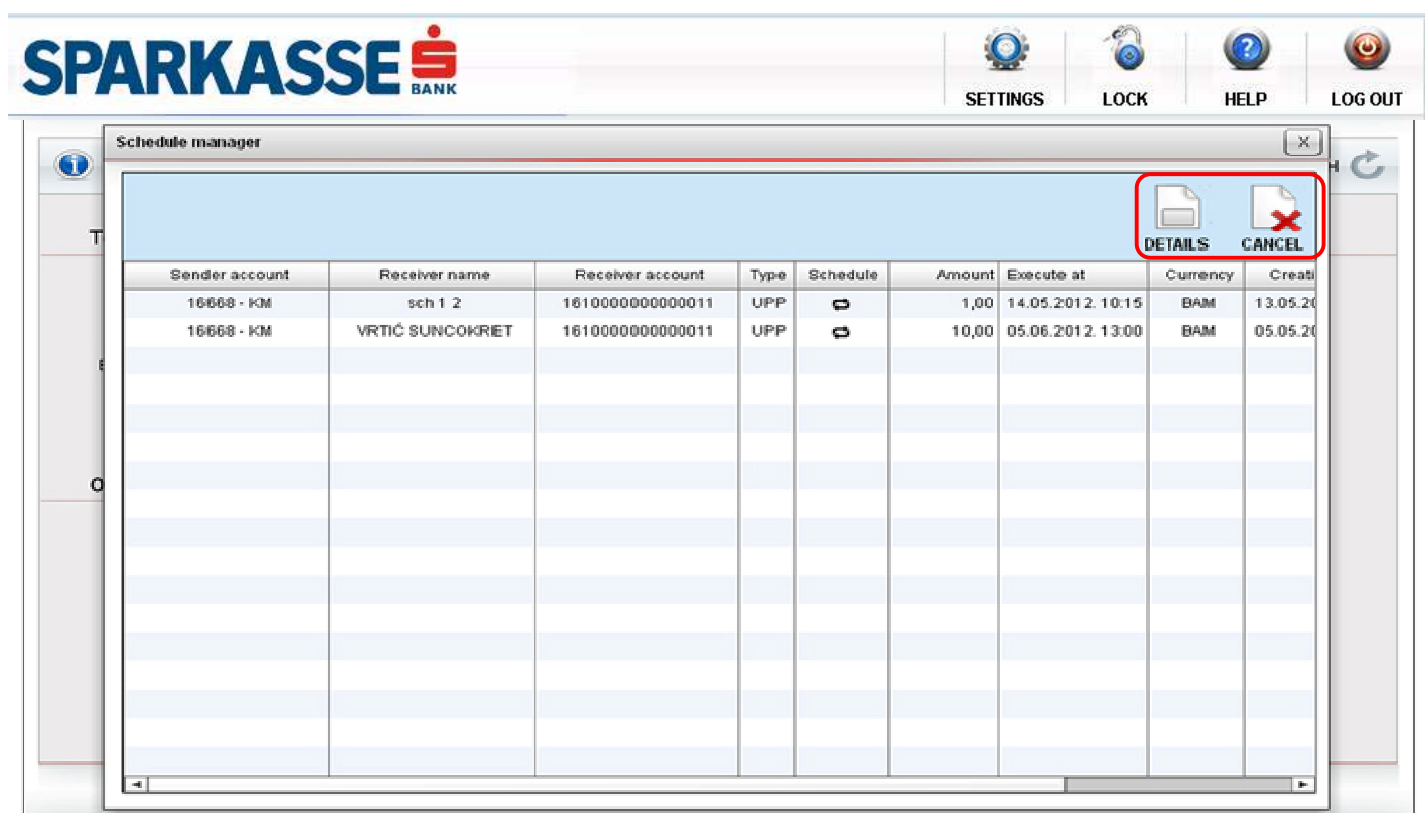
Picture 21 – Other Options Module

Pictures 22 and 23 are an overview of Statement and Transaction modules. Both modules are very similar by the way they are used. Therefore, for both modules the account and the currency are to be selected, the desired dates entered, followed by click on button “Search” for results (Statements or Transactions). Modules are opened by clicking on icons “Transactions” and “Statements”.



Picture 22 and 23 – Modules for Search and Overview of Statements and Transactions

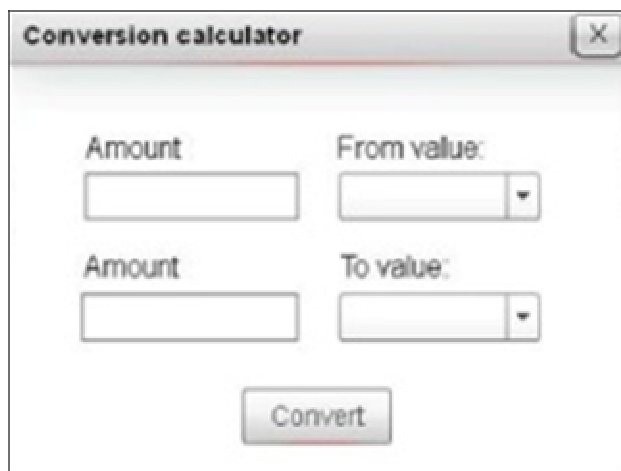
SCHEDULED ORDERS: When creating a new payment and/or transfer order, the user has the option to “schedule” the order. In other words, while creating an order, many criteria are selected according to which the order is processed, such as time of payment, schedule or funds on the account. These orders are called “scheduled orders” and they can be done once, or be repeated periodically. For an easier overview, these orders are separated and located on the list that is selected by clicking on icon **“Schedule Overview”**. After clicking on it, a window with a table pops up and shows all currently scheduled orders. Every order can be overviewed by selecting it and clicking on option “Details”, or it can also be cancelled by selecting it and clicking on “Cancel”.



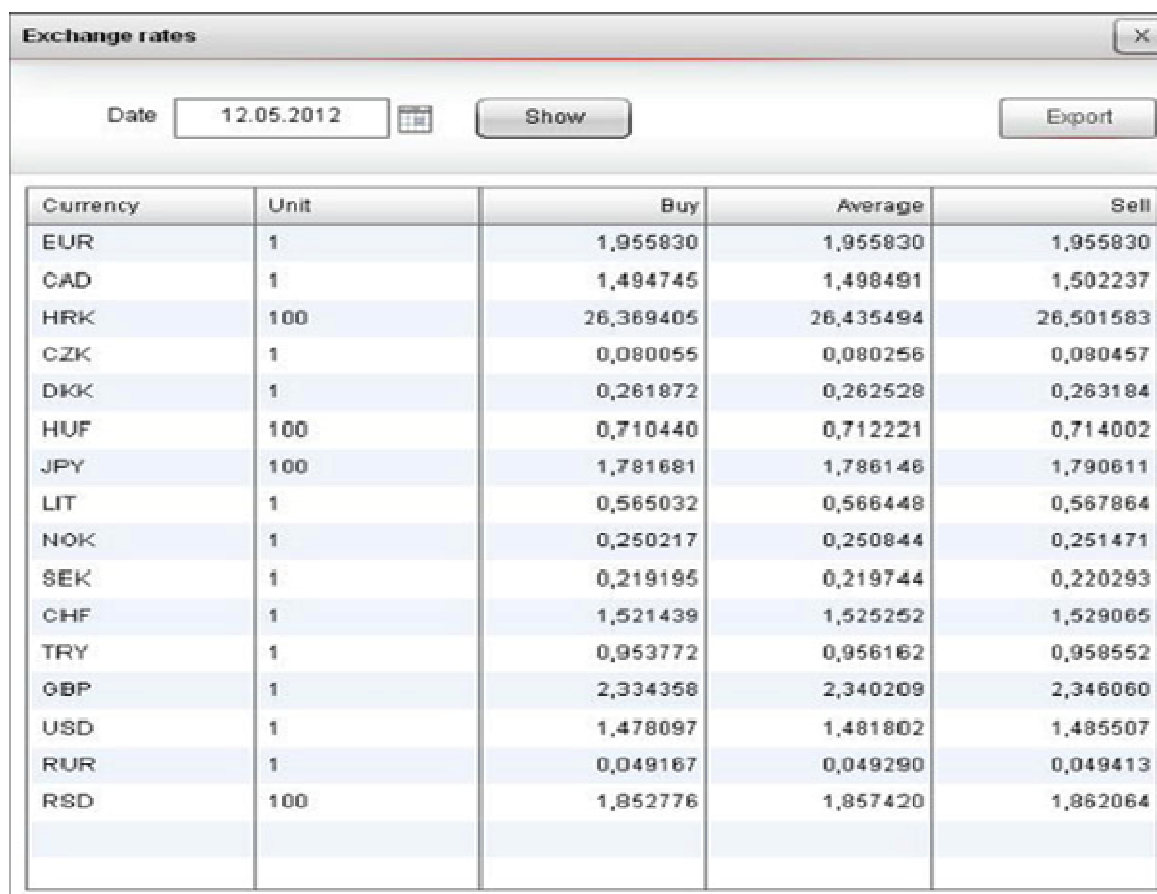
Picture 24 – Module for overview of scheduled orders

TOOLS – allows the user to use various useful tools, such as:

- **Conversion calculator** – tool for calculation when performing conversion
- **Exchange rates** – shows the exchange rates for a desired date



Picture 25 – Conversion Calculator module



Currency	Unit	Buy	Average	Sell
EUR	1	1,955830	1,955830	1,955830
CAD	1	1,494745	1,498491	1,502237
HRK	100	26,369405	26,435494	26,501583
CZK	1	0,080055	0,080256	0,080457
DKK	1	0,261872	0,262528	0,263184
HUF	100	0,710440	0,712221	0,714002
JPY	100	1,781681	1,786146	1,790611
LIT	1	0,565032	0,566448	0,567864
NOK	1	0,250217	0,250844	0,251471
SEK	1	0,219195	0,219744	0,220293
CHF	1	1,521439	1,525252	1,529065
TRY	1	0,953772	0,956162	0,958552
GBP	1	2,334358	2,340209	2,346060
USD	1	1,478097	1,481802	1,485507
RUR	1	0,049167	0,049290	0,049413
RSD	100	1,852776	1,857420	1,862064

Picture 26 – Exchange Rates overview module

Communicate With Your Banker module - allows e-mail contact with a Banker who may be responsible for the given account/Client.

Communicate with your banker

Contacts

Name	Function
HABIBIA SAFET	1

Subject

Message

Response channel

EMAIL

demo@ping.ba

Recepients

Add

Remove

Cancel

Send

Picture 27 – Communicate With Your Banker module

PROBLEM – allows sending an error report by entering into the application a description of a problem and an attachment.

Error report

Short description

Details

Attachments

Remove

Add

Cancel

Send

Picture 28 – Error Report Module

Important information

NetBanking is the product designed to protect the privacy of your information by using internationally recognized standards in the area of coding and protecting data from unauthorized access. It is your responsibility to keep confidentiality of your user name, password and one-time token password. If someone gets an access to your user name, password and token password, he/she will have all the rights given to you.

Therefore, it is important:

- Do not write down your user name, password and one-time token password, and especially do not leave them in places accessible to other people.
- When choosing password, select terms that others cannot connect with you.
- Password should contain both letters and numbers.
- Do not give out the password, user name and one-time token password to anyone, not even the bank employees!
- In case that bank employees have to check problems you are experiencing, they will temporarily change the password and notify you of the new password. In these cases, you must select a new password again.
- Upon first log in to netBanking, you must select a new password.
- When finished using netBanking, exit by logging off.
- Do not ever leave netBanking application without your supervision. If you are leaving your work place, lock the application by selecting **Tools** in the main menu and **Lock application** in the sub-menu.
- Do not install programs of unknown and unverified authors on your PC.
- Do not install unverified hardware on your PC.
- Install an antivirus program.